

We claim:

**Claim 1.** A computer system based method of analyzing an electronic document that includes text and graphics and in which common reference symbols designate text components and respective graphics components, the method comprising

- processing the document text into an index that identifies the text locations of reference symbols
- processing the document graphics into an index that identifies the graphic locations of reference symbols, and
- displaying the text that includes at least some of the text reference symbols or displaying at least some of the graphic reference symbols, and
- linking the common text and common graphic reference symbols such that user selection of a particular text reference symbol or graphic reference symbol causes display of a respective graphic segment or text segment that includes the selected common reference symbol.

**Claim 2.** The method according to Claim 1 wherein each graphic reference symbol includes one or a combination of number(s), letter(s), and word(s).

**Claim 3.** The method according to Claim 1 wherein each text reference symbol includes one or a combination of number(s), letter(s), and word(s).

**Claim 4.** The method according to Claim 1 wherein each text reference symbol includes one or a combination of number(s), letter(s), and word(s) and each graphic symbol includes one or a combination of number(s), letter(s), and word(s) and wherein each common text and graphic reference symbol includes the same one or a combination of number(s), letter(s), and word(s) respectively.

**Claim 5.** The method according to Claim 1 further comprising,

highlighting displayed text reference symbols which are linked to graphic reference symbols.

**Claim 6.** The method according to Claim 1 further comprising,

highlighting displayed graphic reference symbols which are linked to text reference symbols.

**Claim 7.** The method according to Claim 5 further comprising,

displaying all corresponding graphic segments in response to user selection of a particular displayed text reference symbol and wherein each corresponding graphic

segment includes the reference symbol common to said selected text reference symbol.

**Claim 8.** The method according to Claim 5 further comprising,

displaying the locations or sheet numbers of corresponding graphic segments in response to user selection of a particular displayed text reference symbol and wherein each corresponding graphic segment includes the reference symbol common to said selected text reference symbol.

**Claim 9.** The method according to Claim 8 further comprising,

displaying the corresponding graphic segment in response to user selection of a particular displayed reference symbol location or sheet number.

**Claim 10.** The method according to Claim 1 further comprising,

highlighting displayed graphic reference symbols which are linked to text reference symbols.

**Claim 11.** The method according to Claim 1 further comprising,

highlighting displayed text reference symbols which are linked to graphic reference symbols.

**Claim 12.** The method according to Claim 10 further comprising,

displaying all corresponding text segments in response to user selection of a particular displayed graphic reference symbol and wherein each corresponding text segment includes the reference symbol common to said selected graphic reference symbol.

**Claim 13.** The method according to Claim 10 further comprising,

displaying the corresponding text segments in response to user selection of a particular displayed graphic reference symbol and wherein each corresponding text segment includes the reference symbol common to said selected graphic reference symbol.

**Claim 14.** The method according to Claim 13 further comprising,

displaying the corresponding text segment and preceding and following text thereof in response to user selection of a particular displayed text segment.

**Claim 15.** The method according to Claim 1 further comprising,

displaying a list that includes the text identities of components and the reference symbol associated with each text component.

**Claim 16.** The method of Claim 15 wherein the list is arranged in alphabetical order of component text identities or in order of the reference symbol associated with each text component.

**Claim 17.** The method of Claim 15 wherein each component text identity comprises a noun group.

**Claim 18.** The method of Claim 15 wherein user selection of a component text identity in the displayed list causes display of a text segment that includes the selected component text identity.

**Claim 19.** The method of Claim 18 wherein the full document text displayed is forward/backward scrollable by user command.

**Claim 20.** The method of Claim 18 wherein the list, graphic, and text are displayed in separate windows the area of which windows are variable by user command.

**Claim 21.** The method of Claim 1 further comprising synthesizing a user selected text segment or the sentence in which a user selected text segment appears, and converting the synthesized text segment or sentence into an audible segment or sentence audible to the user.

**Claim 22.** The method of Claim 21 wherein the graphic is displayed during the time the audible segment or sentence is audible to user.

**Claim 23.** The method of Claim 1 wherein user selection includes user speaking an audible command and using voice recognition methods to convert the audible command into a digital computer instruction.

**Claim 24.** The method of Claim 1 wherein the displayed text segment is displayed as part of the document text and the displayed document text is scrollable, fore and aft, in response to user command.

**Claim 25.** The method of Claim 24 wherein the user display includes at least two windows, a text window and a graphics window, and the selected and displayed text segment is initially displayed in the vertical mid-region of the text window.

**Claim 26.** The method of Claim 1 wherein the displayed graphic segment is displayed as part of the document graphic and the displayed document graphic is zoomable, inward and outward, in response to user command.

**Claim 27.** The method of Claim 24 wherein the user display includes at least two windows, a text window and a graphics window, and the selected and displayed graphic segment is initially displayed in the vertical mid-region of the graphic window.

**Claim 28.** The method of Claim 8 wherein said locations or sheet numbers are displayed in a sub-window.

**Claim 29.** The method of Claim 13 wherein said corresponding text segments are displayed in a sub-window.

**Claim 30.** The method of Claim 1 further including displaying simultaneously the text segment and the graphic segment that include the selected common reference symbol.

**Claim 31.** The method of Claim 30 further including printing or storing in a separate file, the simultaneously representations of displayed text segment and graphic segment.

**Claim 32.** The method of Claim 1 further comprising storing the text locations of all sentences and word in the document.

**Claim 33.** The method of Claim 32 further comprising synthesizing the sentence in which a predetermined word appears in response to user selection of said predetermined word, and converting the sentence into an audible series of words representing said sentence.

**Claim 34.** The method of Claim 33 wherein said user selection includes the user speaking a predetermined command and said predetermined word and, using voice recognition methods, converting the spoken predetermined command and said predetermined word into a digital computer instruction.

**Claim 35.** The method of Claim 34 wherein the predetermined word is or is not associated with a reference symbol.

**Claim 36.** Systems and methods as substantially disclosed herein.